

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Miller S. I. Serial No.: 09/068,804

Art Unit : 1641

Examiner : Baskar, P

Filed

: May 14, 1998.

Title

: SALMONELLA SECRETED PROTEINS AND USES THEREOF

Assistant Commissioner for Patents

Washington, D.C. 20231

RESPONSE

In response to the action mailed October 14, 1999, please amend the application as follows:

In the Claims:

Cancel claims 1-16:

Amend claim 17 as follows:

17. (Amended) A method of inducing uptake of a bacterial cell by an epithelial cell in a mammal, comprising increasing expression of the DNA of claim [4] 46 or [6] 52 in said cell and administering said cell to said mammal.

Add new claims 46-86.

- --46. An isolated nucleic acid molecule which hybridizes under conditions of hybridization in 50% formamide at 42°C and washing in 0.1 X SSC at 65°C to a nucleic acid molecule consisting of the nucleotide sequence of SEQ ID NO:1.
- 47. An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO: 5.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR \$1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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Signature				

Toni M. Sousa

Typed or Printed Name of Person Signing Certificate